Sexually Transmitted Infections

VOLUME 74 • 1998

Editor:
Mohsen Shahmanesh (Birmingham)
Assistant Editor:
Jonathan M Zenilman (Baltimore)
Hanging Committee:
Rob Miller
Jorma Paavonen
Anton Pozniak
Mohsen Shahmanesh
Jonathan Zenilman

Associate Editors:
Chris Carne (Cambridge)
Frances Cowan (London)
Richard Lau (London)
Rob Miller (London)
Jorma Paavonen (Helsinki)
Anton Pozniak (London)

President MSSVD:
Michael Adler (London)
Hon Sec MSSVD:
Angela Robinson (London)

Editorial Assistant:
Michelle Dimler
BMA House,
London WC1H 9JR
Tel (UK) 0171 383 6204
Fax (UK) 0171 383 6668
Email mdimler@bmjgroup.com

Technical Editor:
Glenys Hughes
Tel (UK) 0181 691 0908
Fax (UK) 0181 694 1700
Email ghughes@btinternet.com

Editorial Board:
Michael Adler (London)
Rhoda Ashley (Seattle)
Simon E Barton (London)
Humphrey Birley (Liverpool)
Konstantin K Borisenko (Moscow)
Ray Brettle (Edinburgh)
Robert C Brunham (Winnipeg)
Mike Catchpole (London)
Roy Chan (Singapore)
Verapol Chandeying (Songkla)
David Cooper (Sydney)
Ralph Di Clemente (Atlanta)
John M Douglas (Denver)
Lewis M Drusin (New York)
Alfred Eichmann (Zurich)
Brian Gazzard (London)
King K Holmes (Seattle)
Edward W Hook III (Birmingham, AL)
Patrick J Horner (Bristol)
Catherine Ison (London)
William Kassler (Atlanta)
Christine Katlama (Paris)
George Kinghorn (Sheffield)
Peter Kohl (Berlin)
Charles Lacey (London)
Marie Laga (Antwerp)
Joep Lange (Amsterdam)
Ahmed S Latif (Harare)
David Mabey (London)
Sandy McMillan (Edinburgh)
André Meheus (Antwerp)
Danielle Mercey (London)
Gregory Mertz (Albuquerque)
Adrian Mindel (Sydney)
Steven Morse (Atlanta)
Fiona Mulcahy (Dublin)
Pat Munday (Pinner)
Graham Neilsen (Pretoria)
Raj Patel (Southampton)
Jos H Perriens (Geneva)
Anthony J Pinching (London)
Deenan Pillay (Birmingham)
Thomas Quinn (Baltimore)
Keith W Radcliffe (Birmingham)
Adrian Renton (London)
Geoffrey Ridgway (London)
Torvald Ripa (Halmstad)
Anne Rompalo (Baltimore)
Jonathan Ross (Birmingham)
Eric Sandström (Stockholm)
Thomas Schulz (Liverpool)
Jane R Schwebke (Birmingham, AL)
Chris Sonnex (Cambridge)
Margaret Stanley (Cambridge)
Angelica Stary (Vienna)
Anecke van den Hoek (Amsterdam)
Anna Wald (Seattle)
Helen Ward (London)
Judith N Wasserheit (Atlanta)
Jonathan Weber (London)
Janet Wilson (Leeds)
Kimberly Workowski (Atlanta)
Editor, *BMJ*

Papers should be submitted to Michelle Dimler in the first instance.
Internet home page: http://www.sextransinf.com

VOLUME 74 • CONTENTS

No 1 FEBRUARY 1998 Page

Editorials

1 Can HSV latency be conquered by current antiviral therapies? *Anthony Simmons, Hugh J Field*
2 Race and ethnicity in STD analyses *Michael W Ross*
4 Moving towards a Cochrane review group in sexually transmitted diseases *Frances M Cowan*
4 More transparency, greater depth *Mohsen Shahmanesh*

Reviews

6 Oral sex and the transmission of viral STIs *Sarah Edwards, Chris Carne*
11 Influence of ovarian hormones on urogenital infection *C Sonnex*

MSSVD

20 Sexually transmitted diseases and the Raj *R Basu Roy*

Original articles

27 Association of Kaposi's sarcoma associated herpesvirus (KSHV) DNA in bronchoalveolar lavage fluid of HIV infected individuals with bronchoscopically diagnosed tracheobronchial Kaposi's sarcoma *Mark R Howard, Nicola S Brink, Denise Whitby, Richard S Tedder, Robert F Miller*
32 Comparison of clinical, histological, and virological symptoms of HPV in HIV-1 infected men and immunocompetent subjects *Olivier Aynaud, Dominique Piron, Renzo Barrasso, Jean-Dominique Poveda*
35 Clinical algorithms for the screening of pregnant women for STDs in Libreville, Gabon: which alternatives? *A Bourgeois, D Henzel, G Malonga-Mouelet, G Dibanga, C Tsobou, M Peeters, E Delaporte*
40 Racial origin, sexual behaviour, and genital infection among heterosexual men attending a genitourinary medicine clinic in London (1993–4) *B A Evans, R A Bond, K D MacRae*
45 Racial origin, sexual lifestyle, and genital infection among women attending a genitourinary medicine clinic in London (1992) *B A Evans, P D Kell, R A Bond, K D MacRae*
50 HIV infection among family planning clinic attenders in Glasgow: why prevalence has remained low in this general population group *D Goldberg, S Carr, S Cameron, G Codere*
54 Evaluation of a targeted HIV prevention programme among female commercial sex workers in the south of Thailand *Godfried (Frits) J P van Griensven, Bhassorn Limanonda, Srykanya Ngaokeow, Sunida Isarankura Na Ayuthaya, Vichai Poshyachinda*
59 Analysis of quinolone resistance mechanisms in *Neisseria gonorrhoeae* isolates in vitro *Masatoshi Tanaka, Shunzi Sakuma, Koichi Takahashi, Tatsuo Nagahuzi, Takeshi Saika, Intetsu Kobayashi, Joichi Kumazawa*
63 Polymerase chain reaction detection of *Haemophilus ducreyi* DNA *D J Roesel, L Gwanzura, P R Mason, M Joffe, D A Katzenstein, J D Oriel*
66 Pooling of urine specimens for PCR testing: a cost saving strategy for *Chlamydia trachomatis* control programmes *Rosanna W Peeling, Baldwin Toye, Peter Jessamine, Ian Gemmill*

71 **Conference news**

MSSVD

74 Report of the Honorary Secretary to the 76th Annual Meeting of the MSSVD held at the Royal Society of Medicine on 17 October 1997 *Angela J Robinson,*

Letters

74 Age and sexual risk behaviour *H Wells, I Sherr, J Norton, R Miller, M A Johnson, J Elford*
75 Severe hyponatraemia and severe hyperkalaemia in an HIV positive patient who received high dose co-trimoxazole *L M David, J Ross*
76 Visualisation and quantification of HIV related brain atrophy using registered serial magnetic resonance imaging *I D Wilkinson, N C Fox, P A Freeborough, R F Miller*
76 Do junior doctors know what to do if they have a needlestick injury? *A E Rich, M Fisher*
77 Second generation heterosexual transmission of HIV-1 infection from women infected in the United Kingdom *M R Pakianathan, G R Scott, A McMillan*

Matters arising

78 Sample size and diagnostic test evaluations *D M Patrick*
78 Acceptability of clinics for sexually transmitted diseases among users of the "gay scene" in the West Midlands *S Ahmad, A Sukthankar*
78 Microbiological diagnosis of gonorrhoea *G Donders*
78 Azithromycin for the treatment of donovanosis *F J Bowden, J Savage*
65 Historical vignette
79 Book reviews • Notices
80 Current publications

No 2 APRIL 1998 Page

Editorials

87 Peer education and community based HIV prevention for homosexual men: peer led, evidence based, or fashion driven? *Graham J Hart*
89 Update of the CDC STD treatment guidelines: changes and policy *Jonathan M Zenilman*
93 Guidelines for the management of herpes simplex virus infection in pregnancy *Frances M Cowan, Patricia Munday*

Reviews

95 Oral sex and the transmission of non-viral STIs *Sarah Edwards, Chris Carne*
101 Molecular events in uterine cervical cancer *Shirley A Southern, C Simon Herrington*

Original articles

110 Hepatitis B virus infection in patients attending a genitourinary medicine clinic: risk factors and vaccine coverage *R J C Gilson, A de Ruiter, J Waite, E Ross, C Loveday, D R Howell, R S Tedder, I V D Weller*

116 A randomised controlled trial comparing nonoxynol-9 lubricated condoms with silicone lubricated condoms for prophylaxis *R E Roddy, M Cordero, K A Ryan, J Figueroa*

120 Community based study of sexually transmitted diseases in rural women in the highlands of Papua New Guinea: prevalence and risk factors *M Passey, C S Mgone, S Lupiwa, N Suve, S Tiwara, T Lupiwa, A Clegg, M P Alpers*

128 HIV infection and high risk behaviour among patients attending an STD referral clinic in Prague, Czech Republic *J Mikl, Z Sudar, P F Smith, M Bruckova, J Jedlicka, V Kastankova, R Tryzna, J DeHovitz*

131 Characteristics associated with prevalent HIV infection among a cohort of sex workers in Cameroon *Kelley A Ryan, Ronald E Roddy, Leopold Zekeng, Sharon S Weir, Ubald Tamoufé*

136 The tampon test for trichomoniasis: a comparison between conventional methods and a polymerase chain reaction for *Trichomonas vaginalis* in women *B A Paterson, S N Tabrizi, S M Garland, C K Fairley, F J Bowden*

Short report

140 Sensitivity of the ligase chain reaction assay for detecting *Chlamydia trachomatis* in vaginal swabs from women who are infected at other sites *B J Thomas, T Pierpoint, D Taylor-Robinson, A M Renton*

Case report

142 Extragenital donovanosis in a patient with AIDS *Cornelus J G Sanders*

For debate

144 Should preventive antiretroviral treatment be offered following sexual exposure to HIV? The case for *Noreen M Desmond, Richard J Coker*

146 Should preventive antiretroviral treatment be offered following sexual exposure to HIV? Not yet! *Barry Evans, Janet Darbyshire, Jonathan Cartledge*

Continuing medical education

149 Can we predict the prognosis of HIV infection? How to use the findings of a prospective study *Nicola Low, Matthias Egger*

MSSVD

155 A short history of the Medical Society for the Study of Venereal Diseases on its 75th birthday *R S Morton*

159 **Conference news**

Letters to the editor

160 Relatively high risk of sexually transmitted and other genital diseases among women from Surinam and the Netherlands' Antilles living in Amsterdam *L Wigersma, J G Reij, P J F Schadé*

160 Once weekly ganciclovir as prophylaxis is unacceptable to patients *Kim Bibby, A R Rosenthal, K G Nicholson, M J Wiselka*

127 Historical vignette

161 Notices • Correction

162 Current publications

No 3 JUNE 1998

Page

Editorial

165 Epidemics of syphilis in the newly independent states of the former Soviet Union *A M Renton, K K Borisenko, A Meheus, A Gromyko*

Review

167 Sexually transmitted diseases in sexually abused children: medical and legal implications *Margaret R Hammerschlag*

Original articles

175 Role of type specific herpes simplex virus serology in the diagnosis and management of genital herpes *P E Munday, J Vuddamalay, M J Slomka, D W G Brown*

179 Presentation, pathology, and outcome of HIV associated renal disease in a specialist centre for HIV/AIDS *D I Williams, D J Williams, I G Williams, R J Unwin, M H Griffiths, R F Miller*

185 HIV infection among homosexual/bisexual males attending genitourinary clinics in Scotland *D Goldberg, G Scott, M Weir, S Cameron, J Peutherer, A McMillan, G Leadbetter, A Scoular, G Codere, G Allardice*

189 Rapid assessment of sexually transmitted diseases in a sentinel population in Thailand: prevalence of chlamydial infection, gonorrhoea, and syphilis among pregnant women—1996 *P H Kilmarx, C M Black, K Limpakarnjanarat, N Shaffer, S Yanpaisarn, P Chaisilwattana, W Siriwasin, N L Young, C E Farshy, T D Mastro, M E St Louis*

194 Evaluation of two clinical protocols for the management of women with vaginal discharge in southern Thailand *Verapol Chandeying, Steven Skov, Marisa Kemapunmanus, Matthew Law, Alan Geater, Patrick Rowe*

202 The supermarket for women's reproductive health: the burden of genital infections in a family planning clinic in Nairobi, Kenya *M Temmerman, N Kidula, M Tyndall, R Rukaria-Kaumbutho, L Muchiri, J O Ndinya-Achola*

205 Auxotypes, serovars, and trends of antimicrobial resistance of *Neisseria gonorrhoeae* in Kigali, Rwanda (1985–93) *Jos Bogaerts, Eddy Van Dyck, Bernadette Mukantabana, Jean Paul Munyabikali, Waldina Martinez Tello*

Short reports

210 Antimicrobial susceptibility and plasmid profile of *Neisseria gonorrhoeae* in India (New Delhi) *P Bhalla, K Sethi, B S N Reddy, M D Mathur*

213 Epidemiological study of *Chlamydia trachomatis* infection in pregnant women in Hungary *Tibor Nyári, Judith Deák, Elisabeth Nagy, Ilona Véréb, László Kovács, Gyula Mészáros, Hajnalka Orvos, István Berbik*

216 Herpes simplex type 2 infection in a cohort aged 21 years *J Eberhart-Phillips, N P Dickson, C Paul, J P Fawcett, D Holland, J Taylor, A L Cunningham*

For debate

219 Genital herpes: Heisenberg revisited *David Goldmeier*

Case report

221 Multiple pyogenic granuloma of the penis *C Tomasini, P Puiatti, M G Bernengo*

Continuing medical education

223 How to assess an article on economic evaluation *Mark Sculpher, Danielle Mercey*

Letters to the editor

228 Can a laboratory diagnosis of bacterial vaginosis be made from a transported high vaginal swab using anaerobic culture and microscopy of a wet preparation? *T Crowley, J Berry, P J Horner, K R Gough, A Turner*

228 Evaluation of a novel point of care test for antibodies to herpes simplex virus type 2 *R L Ashley, M Eagleton*

229 Emergence of fluoroquinolone resistant *Neisseria gonorrhoeae* in New Delhi, India *A Rattan, S Kumari, N Khanna, R K Pandhi, K Ray, M Bala, R S Misra*

229 AIDS associated eosinophilic folliculitis which responded to both high dose co-trimoxazole and low dose isotretinoin *A M R Downs, J T Lear, J D Oxley, C T C Kennedy*

230 Awareness of testicular tumours in genitourinary medicine clinics *J T Arumainayagam, S Chandramani, B G Ferrie*

Matters arising

231 Are race and ethnicity in STD analyses still of relevance? *T C Harry, S L Clark*

231 Evaluation of the commercial microparticle enzyme immunoassay *D Taylor-Robinson, B Thomas*

231 *Sexually Transmitted Infections* cover *A Mindel*

231 "Smegma stones" *C Sonnex, W G Dockerty*

231 Peripheral blood B and T lymphocyte subsets *T Aldeen, R K W Lau*

232 Reply *D J White*

MSSVD

232 Additions to MSSVD Library 1997 *J D Oriel*

232 Book reviews

233 Notices

234 Current publications

SUPP No 4 JUNE 1998

Page

S1 Problems, solutions, and challenges in syndromic management of sexually transmitted diseases *G A Dallabetta, A C Gerbase, K K Holmes*

S12 Global prevalence and incidence estimates of selected curable STDs *A C Gerbase, J T Rowley, D H L Heymann, S F B Berkley, P Piot*

S17 Systematic analysis of STD control: an operational model *P Rao, F Y Mohamedali, M Temmerman, L Fransen*

S23 Comparison of clinically directed, disease specific, and syndromic protocols for the management of genital ulcer disease in Lesotho *Y Htun, S A Morse, Y Dangor, G Fehler, F Radebe, D J. Trees, C M Beck-Sague, R C Ballard*

S29 Evaluation of syndromic patient management algorithm for urethral discharge *T Djajakusumah, S Sudigdoadi, K Keersmaekers, A Meheus*

S34 Specificity of dysuria and discharge complaints and presence of urethritis in male patients attending an STD clinic in Malawi *G Dallabetta, F Behets, G Lule, I Hoffman, H Hamilton, A M Wangel, S Moeng, M Cohen, G Liomba*

S38 Validation of national algorithms for the diagnosis of sexually transmitted diseases in Brazil: results from a multicentre study *F Moherdaui, B Vuylsteke, L F Goes Siqueira, M Q dos Santos Jr, M L Jardim, A M de Brito, M C Moreira de Souza, D Willers, J C G Sardinha, A S Benzaken, M C Ramos, H Bueno, L G de Macedo Rodrigues, P J de Novais Chequer*

S44 Evaluation of clinical algorithms for the diagnosis of gonococcal and chlamydial infections among men with urethral discharge or dysuria and women with vaginal discharge in Benin *M Alary, E Baganizi, A Guédémè, F Padonou, N Davo, C Adjovi, E van Dyck, M Germain, J Joly, J B Mahony*

S50 Validation of the WHO diagnostic algorithm and development of an alternative scoring system for the management of women presenting with vaginal discharge in Malawi *C C Daly, A-M Wangel, I F Hoffman, J K Canner, G S Lule, V M Lema, N G Liomba, G A Dallabetta*

S59 Risk assessment, symptoms, and signs as predictors of vulvovaginal and cervical infections in an urban US STD clinic: implications for use of STD algorithms *C A Ryan, B N Courtois, S E Hawes, C E Stevens, D A Eschenbach, K K Holmes*

S77 Validation of a WHO algorithm with risk assessment for vaginal discharge in Mwanza, Tanzania *P Mayaud, G ka-Gina, J Cornelissen, J Todd, G Kaatano, B West, E Uledi, M Rwakatare, L Kopwe, D Manoko, M Laga, H Grosskurth, R Hayes, D Mabey*

S85 Rapid and inexpensive approaches to managing abnormal vaginal discharge or lower abdominal pain: an evaluation in women attending gynaecology and family planning clinics in Peru *S E Sánchez, L A Koutsky, J Sánchez, A Fernández, J Casquero, J Kreiss, M Catlin, M Xia, K K Holmes*

S95 Reproductive tract infections in primary health care, family planning, and dermatovenereology clinics: evaluation of syndromic management in Morocco *C A Ryan, A Zidouh, L E Manhart, R Selka, M Xia, M Moloney-Kitts, J Mahjour, M Krone, B N Courtois, G Dallabetta, K K Holmes*

S106 Evaluation of simple diagnostic algorithms for *Neisseria gonorrhoeae* and *Chlamydia trachomatis* cervical infections in female sex workers in Abidjan, Côte d'Ivoire *M O Diallo, P D Ghys, B Vuylsteke, V Ettiègne-Traoré, E Gnaoré, D Soroh, J-C Kadjo, E Van Dyck, K M De Cock, A E Greenberg, M Laga*

S112 Diagnosis of sexually transmitted infections in female prostitutes in Dakar, Senegal *I Ndoye, S Mboup, A De Schryver, E Van Dyck, J Moran, N D Samb, M L Sakho, I Thior, A Wade, D L Heymann, A Meheus*

S118 Syndromic approach to detection of gonococcal and chlamydial infections among female sex workers in two Philippine cities *T Wi, V Mesola, R Manalastas, C Tuazon, D S Mugrditchian, P Perine, A Ghee, K K Holmes, W L Whittington*

S123 Sexually transmitted diseases are common in women attending Jamaican family planning clinics and appropriate detection tools are lacking *F M-T Behets, E Ward, L Fox, R Reed, A Spruyt, L Bennett, L Johnson, I Hoffman, J P Figueroa*

S128 Prospective evaluation of a flow chart using a risk assessment for the diagnosis of STDs in primary healthcare centres in Libreville, Gabon *A Bourgeois, D Henzel, G Dibanga, G Malonga-Mouelet, M Peeters, J-P Coulaud, L Fransen, E Delaporte*

S132 Evaluation of sexually transmitted diseases diagnostic algorithms among family planning clients in Dar es Salaam, Tanzania *S H Kapiga, B Vuylsteke, E F Lyamuya, G Dallabetta, M Laga*

S139 Risk scores to detect cervical infections in urban antenatal clinic attenders in Mwanza, Tanzania *P Mayaud, E Uledi, J Cornelissen, G ka-Gina, J Todd, M Rwakatare, B West, L Kopwe, D Manoko, H Grosskurth, R Hayes, D Mabey*

S147 Screening for sexually transmitted diseases in rural South African women *H Schneider, D J Coetzee, H G Fehler, A Bellingan, Y Dangor, F Radebe, R C Ballard*

S153 Syndromic management of STDs in pharmacies: evaluation and randomised intervention trial *P J Garcia, E Gotuzzo, J P Hughes, K K Holmes*

S159 Notes from the field: practical issues in upgrading STD services based on experience from primary healthcare facilities in two Rwandan towns *R Steen, C Soliman, A Mujyambwani, J-B Twagirakristu, S Bucyana, C Grundmann, M Ngabonziza, J Moran*
S166 Drugs for STD management in developing countries: choice, procurement, cost, and financing *F Van der Veen, L Fransen*
S175 Syndromic approach to STD case management: where do we go from here? *C Johannes van Dam, K M Becker, F Ndowa, M Q Islam*

No 4 AUGUST 1998 Page

Editorials
239 Monetary incentives: a useful strategy for enhancing enrolment and promoting participation in HIV/STD risk reduction interventions *Ralph J DiClemente, Gina M Wingood*
240 Tuberculosis recommendations *Richard J Coker*
242 Expanding "New World" links *Mohsen Shahmanesh, Jonathan Zenilman*

Review
243 HIV drug resistance: genotypic assays and their possible applications *A L Ballard, P A Cane, D Pillay*

Original articles
249 Prepackaged therapy for urethritis: the "MSTOP" experience in Cameroon *F Crabbé, J P Tchupo, T Manchester, T Gruber-Tapsoba, D Mugrditchian, J Timyan, G Goodridge, C Cheta, M Laga, G Dallabetta*
253 What about money? Effect of small monetary incentives on enrolment, retention, and motivation to change behaviour in an HIV/STD prevention counselling intervention *Mary L Kamb, Fen Rhodes, Tamara Hoxworth, Judy Rogers, Andrew Lentz, Charlotte Kent, Robin MacGowen, Thomas A Peterman, for the Project RESPECT Study Group*
256 Managing STIs identified after testing outside genitourinary medicine departments: one model of care *L Haddon, J Heason, T Fay, M McPherson, E M Carlin, I H Ahmed Jushuf*
258 Magnetic resonance imaging, thallium-201 SPET scanning, and laboratory analyses for discrimination of cerebral lymphoma and toxoplasmosis in AIDS *R F Miller, M A Hall-Craggs, D C Costa, N S Brink, F Scaravilli, S B Lucas, I D Wilkinson, P J Ell, B E Kendall, M J G Harrison*
265 Lack of efficacy of low dose oral interferon alfa in symptomatic HIV-1 infection: a randomised, double blind, placebo controlled trial *Elly T Katabira, Nelson K Sewankambo, Roy D Mugerwa, Elizabeth M Belsey, Francis X Mubiru, Catherine Othieno, Peter Kataaha, Marc Karam, Mike Youle, Joseph H Perriens, Joep M A Lange*
271 Influence of genital infection on cervical cytology *Sarah K Edwards, Chris Sonnex*
274 Randomised double blind trial of EMLA for the control of pain related to cryotherapy in the treatment of genital HPV lesions *Monica Mansell-Gregory, Barbara Romanowski*
276 Periurethral gland abscess: aetiology and treatment *Cornelus J G Sanders, Martina M M Mulder*
279 Isolation and characterisation of T lymphocytes from the urethra of patients with acute urethritis *M Brunst, M Shahmanesh, A Sukthankar, J H Pearce, J S H Gaston*
284 Prospective cohort study of female sex workers and the risk of HIV infection in Alicante, Spain (1986–96) *J Vioque, I Hernández-Aguado, E Fernandez García, M García de la Hera, C Alvarez-Dardet*
289 Detection of *Chlamydia trachomatis* in genital swabs: comparison of commercial and in house amplification methods with culture *Richard M Shattock, Craig Patrizio, Peter Simmonds, Sheena Sutherland*

Global view
294 In vitro activity of several antimicrobial agents against *Neisseria gonorrhoeae* in the western region of the Kingdom of Saudi Arabia *Ali A Raddadi , Samer K Zimmo, Sherif A Abdullah*
294 Antimicrobial susceptibility of *Neisseria gonorrhoeae* isolates from men with urethritis in Kenya *Geert Claeys, Henri Taelman, Peter Gichangi, Mark Tyndall, John Ombete, Gerda Verschraegen, Marleen Temmerman*

Case reports
296 Genital ulcers associated with acute Epstein–Barr virus infection *S Taylor, S M Drake, M Dedicoat, M J Wood*
298 Extragenital donovanosis of the foot *Mummidi V Rao, Devinder M Thappa, Telanseri J Jaisankar, C Ratnakar*

For debate
300 HPV testing in cervical screening *Jack Cuzick*

302 **News**
303 Obituary

Letters to the editor
303 Lymphangioma circumscriptum of the penis *F Bardazzi, C Orlandi, A D'Antuono, A Patrizi*
304 Post-exposure prophylaxis (PEP) after non-occupational risk of HIV infection *G R Kinghorn, B Evans, A Nunn, J Darbyshire, M W Adler, C A Carne*
304 Outbreak of hepatitis A in homosexual men in Riverside *Antony Newell, David Asboe, Berge Azadian*
305 Prevalence of sexually transmitted diseases in pregnant women in Suva, Fiji *E Mathai, M Mathai, W Baravilala, M Schramm*
306 Erectile Dysfunction Alliance *W W Dinsmore*
306 Mycobacterium genaveuse infection in a UK based patient with AIDS: diagnosis using molecular techniques *J Klein, T J Brown, G L Dean, V Gant*

Matters arising
306 Heterosexual transmission of HIV in Scotland *V L Gilbart, J Y Mortimer, B G Evans*
307 Book reviews
308 Notices
309 Current publications

No 5 OCTOBER 1998 Page

Editorials
313 Contact tracing—where do we go from here? *K Radcliffe, J Clarke*
314 Sexually transmitted infection in the elderly *R D Cranston, R N Thin*

Review
316 Pathogenesis and treatment of HTLV-I associated myelopathy *Graham P Taylor*

Original articles

323 Patient referral outcome in gonorrhoea and chlamydial infections *Yvonne T H P van Duynhoven, Winfred A Schop, Willem I van der Meijden, Marita J W van de Laar*

331 Effectiveness of patient delivered partner medication for preventing recurrent *Chlamydia trachomatis* *Patricia Kissinger, Rodney Brown, Katherine Reed, Jessica Salifou, Amy Drake, Thomas A Farley, David H Martin*

334 Psychological factors associated with recurrent vaginal candidiasis: a preliminary study *Gillian Irving, David Miller, Angela Robinson, Simone Reynolds, Andrew J Copas*

339 Heterosexual HIV transmission and STD prevalence: predictions of a theoretical model *Adrian M Renton, Luke Whitaker, Mark Riddlesdell*

345 Oral examination: a screening tool for HIV infection? *P G Robinson, S J Challacombe, A Sheiham*

349 Tissue specific HPV expression and downregulation of local immune responses in condylomas from HIV seropositive individuals *Istvan Arany, Tanya Evans, Stephen K Tyring*

354 Immunoglobulin A, G, and M responses to L1 and L2 capsids of human papillomavirus types 6, 11, 16, 18, and 33 L1 after newly acquired infection *Gerard van Doornum, Maria Prins, Agneta Andersson-Ellström, Joakim Dillner*

Short report

361 How well is pelvic inflammatory disease managed in general practice? A postal questionnaire survey *M Huengsberg, C B Ip, K W Radcliffe*

For debate

364 Immunological functions of the human prepuce *P M Fleiss, F M Hodges, R S Van Howe*

368 Male circumcision: assessment of health benefits and risks *Stephen Moses, Robert C Bailey, Allan R Ronald*

374 Hepatitis C: universal or selective screening? *R P Brettle*

Global view

376 Actual trends of the incidence of syphilis and gonorrhoea in the Slovak Republic in the years 1990–6 *V Hegyi, T Danilla, E Hegyi*

377 Increased number of the cases of syphilis in Trabzon, a trade city in the Black Sea region of Turkey *Rebiay Apaydin, Nilgün Bulen, Uğur Gül, Sevgi Bahadir*

378 **News**

Letters to the editor

379 Success of partner notification in heterosexuals with gonorrhoea: effects of sex and ethnicity *K E Rogstad, C Clementson, I H Ahmed-Jushuf*

379 How common are sexually transmitted infections in the elderly? *R D Cranston, R N Thin*

380 Prospective analysis of STD related genital ulcers from Hamburg *D Abeck, H C Korting, M Mempel*

348 Historical vignette

380 CD-ROM reviews • Book review • Notices

382 Current publications

No 6 DECEMBER 1998 Page

Editorials

387 Public and personal health implications of asymptomatic viral shedding in genital herpes *Adrian Mindel, Claudia Estcourt*

389 Tuberculosis recommendations; a reply *L P Ormerod*

Obituary

390 Jonathan Mann *Michael Adler*

Public health series

391 Control of STDs—the role of prophylactic vaccines against herpes simplex virus *L R Stanberry*

Reviews

395 Sexual transmission and prevention of the hepatitis viruses A-E and G *M Gary Brook*

399 Sexual transmission of hepatitis C virus infection *G Rooney, R J C Gilson*

Original articles

405 Behavioural intervention trials for HIV/STD prevention in schools: are they feasible? *Judith M Stephenson, Ann Oakley, Susan Charleston, Amanda Brodala, Kevin Fenton, Ann Petruckevitch, Anne M Johnson*

409 Partner notification for gonorrhoea: a comparative study with a provincial and a metropolitan UK clinic *Gill Bell, Helen Ward, Sophie Day, Azra C Ghani, Una Goan, Elizabeth Claydon, George R Kinghorn*

415 Prevalence of HIV-1 among attenders at sexually transmitted disease clinics: analyses according to country of birth *Christine A McGarrigle, Angus Nicoll for a collaborative group*

421 Asymptomatic non-ulcerative genital tract infections in a rural Ugandan population *L A Paxton, N Sewankambo, R Gray, D Serwadda, D McNairn, C Li, M J Wawer*

426 Risk factors for laparoscopically confirmed pelvic inflammatory disease: findings from Mumbai (Bombay), India *A Gogate, L Brabin, S Nicholas, S Gogate, T Gaonkar, A Naidu, A Divekar, A Karande, C A Hart*

433 Contraceptive needs of women attending a genitourinary medicine clinic for the first time *C Thompson*

435 Detection of *Chlamydia trachomatis* in vaginal specimens from female commercial sex workers using a new improved enzyme immunoassay *Masatoshi Tanaka, Hiroshi Nakayama, Hiroshi Yoshida, Koichi Takahashi, Tatsuo Nagafuji, Toshikatsu Hagiwara, Joichi Kumazawa*

Clinico-pathological conference

439 Fever, weight loss, and night sweats: infection or malignancy? *A J Winter, M J Wiselka, J T Wilde, K W Radcliffe*

Short reports

445 Where young people with multiple sexual partners seek medical care: implications for screening for chlamydial infection *Nigel Dickson, Charlotte Paul, Peter Herbison*

448 Low prevalence of hepatitis B markers among Mexican female sex workers *L Juárez-Figueroa, F Uribe-Salas, C Conde-Glez, M Hernández-Avila, M Olamendi-Portugal, P Uribe-Zúñiga, E Calderón*

Case report

451 Gonococcal scalp abscess in a neonate delivered by caesarean section *E Varady, H Nsanze, T Slattery*

452 **News**

453 **Letter from America**

Letters to the editor

455 Services in genitourinary medicine: hospital and primary care sites have different patient populations *S Tanner, M G Brook, J Green*

455 Early lipodystrophy occurring during post-exposure prophylaxis *N Spenatto, R Viraben*

455 Recurrent bacterial vaginosis and metronidazole resistance in *Gardnerella vaginalis* *R M Bannatyne, A M Smith*

456 Cutaneous horn of glans penis *Karthikeyan, D M Thappa, T J Jaisankar, Balamourougane, N Ananthakrishnan, C Ratnakar*

Matters arising

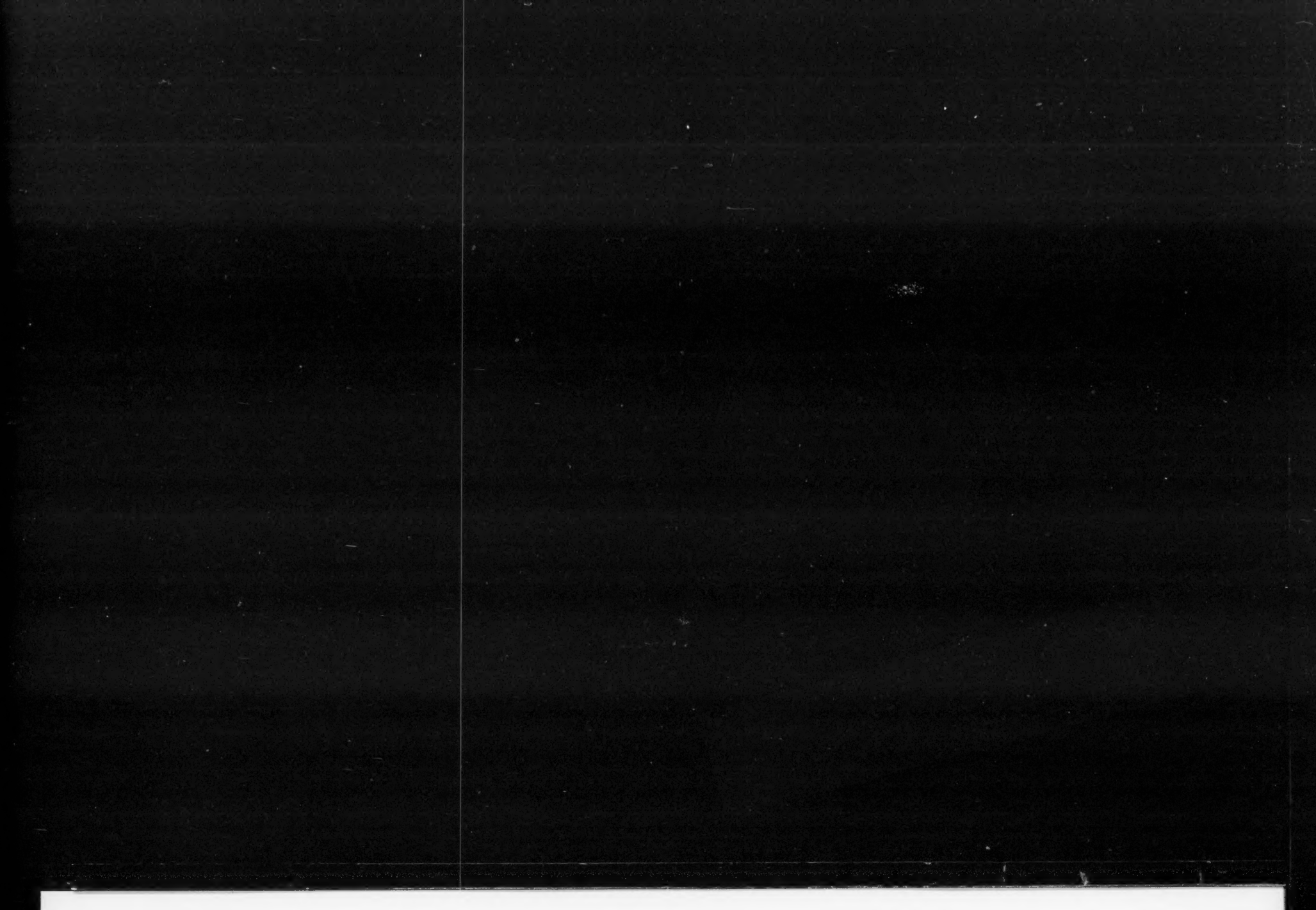
457 The case against routine HPV testing in cervical screening *I Duncan*

457 Influence of genital infection on cervical cytology *D A Hicks; M Brady, G Brook; S Edwards, C Sonnex*

458 Notices • Corrections • Current publications

462 Referees

463 Author index

469 Subject index

Contents